

Amendments to the Claims: This listing of claims will replace all prior versions, and listings, of claims in the application

Listing of Claims:

1-11 Cancelled

12. (Currently Amended) Method for compensating temperature in a system for tire pressure monitoring, comprising: especially by detecting a tire pressure and/or by detecting a tire pressure loss, wherein the temperature compensation is effected by determining the a compensated gas temperature in the tire by way of at least two items of temperature information; and utilizing the determined compensated gas temperature is made the basis to determine a tire pressure value for use in tire pressure monitoring.

13. (Previously Presented) Method as claimed in claim 12,

wherein a temperature sensor at or in the wheel rim of the tire is made the basis for at least one item of temperature information.

14. (Currently Amended) Method as claimed in claim 12 for compensating temperature in a system for tire pressure monitoring, comprising:

determining the gas temperature in the tire by way of at least two items of temperature information; and utilizing the determined gas temperature to determine a tire pressure value for use in tire pressure monitoring,

wherein a temperature sensor at a brake disc is made the basis for at least one item of temperature information is selected from the group consisting of a temperature sensor at a brake disc; a temperature sensor in the engine compartment; a sensor for an outside or ambient temperature; and a calculated temperature model.

15. (Previously Presented) Method as claimed in claim 12,

wherein a temperature sensor in the engine compartment of the vehicle is made the basis for at least one item of temperature information.

16. (Previously Presented) Method as claimed in claim 12,
wherein a sensor for an outside or ambient temperature of the tire is made the basis for at least one item of temperature information.
17. (Previously Presented) Method as claimed in claim 12,
wherein a calculated temperature model is made the basis for at least one item of temperature information.
18. (Previously Presented) Method as claimed in claim 17,
wherein the temperature model is a temperature model of the tire.
19. (Previously Presented) Method as claimed in claim 17,
wherein the temperature model is a temperature model of a brake disc at the tire.
20. Cancelled
21. (Currently Amended) Method as claimed in claim 20_12,
wherein the pressure value is determined by means of a pressure sensor arranged in the tire.
22. (Currently Amended) Method as claimed in claim 20 for compensating temperature in a system for tire pressure monitoring, comprising:
determining the gas temperature in the tire by way of at least two items of temperature information; and
utilizing the determined gas temperature to determine a tire pressure value for use in tire pressure monitoring,
wherein the pressure value is determined by way of the rolling circumference or a rotational speed information of the tire.

23. (New) Method for compensating temperature in a system for tire pressure monitoring, comprising:

determining a compensated gas temperature in the tire by way of at least two items of temperature information; and

utilizing the determined compensated gas temperature to determine a tire pressure value for use in tire pressure monitoring,

wherein temperature compensation is discontinued when a rate of change of one of the items of temperature information is above a given value.